MOOG Videolarm

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# IRM360-IV

## Vandal-Resistant Flush Housing

www.videolarm.com

**Installation and Operation Instructions for the following model:**

| | |
|---|---|
| IRM360-IV | A flush indoor fixed ceiling mount housing. The housing accommodates an ImmerVision Panamorph lens and qualified box camera. The upper body is constructed of a heavy 10-gauge aluminum and a white powder cast trim ring. |

Before attempting to connect or operate this product, please read these instructions completely.

81-IN5475
04-27-2011

## IMPORTANT SAFEGUARDS

1 Read these instructions.

2 Keep these instructions.

3 Heed all warnings

4 Follow all instructions.

5 Do not use this apparatus near water.

6 Clean only with damp cloth.

7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.

8 Cable Runs- All cable runs must be within permissible distance.

9 Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

**Accordingly:**

a. The installation should be made by a qualified installer.

b. The installation should be in compliance with local codes.

c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.

10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus ( including amplifiers) that produce heat.

11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

13 Only use attachment/ accessories specified by the manufacturer.

14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

15 Unplug this apparatus during lighting storms or when unused for long periods of time.

16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled of objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

## UNPACKING

**Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.**

**Be sure to save:**

**1 The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.**

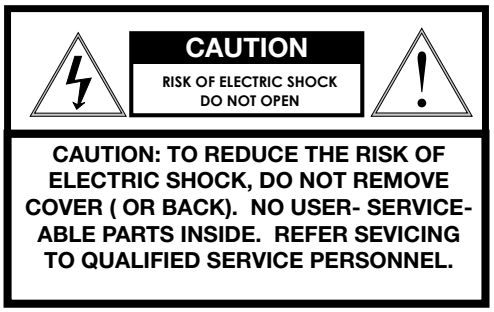
**2 These Installation and Operating Instructions.**

## SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT
AVAILABLE 24 HOURS
**1 - 800 - 554 -1124**

## SAFETY PRECAUTIONS


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER ( OR BACK). NO USER- SERVICE-ABLE PARTS INSIDE. REFER SEVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk to persons.

Este símbolo se piensa para alertar al usuario a la presencia del “voltaje peligroso no-aislado” dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l’utilisateur à la presence “de la tension dangereuse” non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier “Gefährdungsspannung” innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença “di tensão perigosa non-isolada” dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l’utente alla presenza “di tensione pericolosa” non-isolata all’interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d’exclamation est prévu pour alerter l’utilisateur à la presence des instructions importantes dans la littérature accompagnant l’appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamaton è inteso per avvertire l’utente alla presenza delle istruzioni importanti nella letteratura che accompagna l’apparecchio.

USA PRIDE

## LIMITED WARRANTY FOR VIDEOLARM INC. PRODUCTS

**VIDEOLARM INC. warrants this Product to be free from defects in material or workmanship, as follows:**

| PRODUCT CATEGORY | PARTS | | LABOR | |
|---|---|---|---|---|
| All Enclosures and Electronics | Five (5) Years | | Five (5) Years | |
| Pan/Tilts | Three (3) Years | **6 months if used in autoscan /tour operation | Three (3) Years | **6 months if used in autoscan /tour operation |
| Poles/PoleEvators | Three (3) Years | | Three (3) Years | |
| Warrior/Q-View/I.R.Illuminators | Five (5) Years | | Five (5) Years | |
| SView Series | Five (5) Years | **6 months if used in autoscan /tour operation | Five (5) Years | **6 months if used in autoscan /tour operation |
| Controllers | Five (5) Years | | Five (5) Years | |
| Power Supplies | Five (5) Years | | Five (5) Years | |
| Accessory Brackets | Five (5) Years | | Five (5) Years | |

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA# (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124 extension 101. Videolarm will return the repaired Product freight prepaid to Purchaser. Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

**The limited warranty stated in these product instructions is subject to all of the following terms and conditions:**

**TERMS AND CONDITIONS**

1. **NOTIFICATION OF CLAIMS: WARRANTY SERVICE:** If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Videolarm but all claims for warranty service must be made within the warranty period. If after investigation Videolarm determines that the reported problem was not covered by the warranty, Purchaser shall pay Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period as to the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.
2. **EXCLUSIVE REMEDY: ACCEPTANCE:** Purchaser's exclusive remedy and Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.
3. **EXCEPTIONS TO LIMITED WARRANTY:** Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use: negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.
4. **PROOF OF PURCHASE:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

**DISCLAIMER OF WARRANTY**

EXCEPT FOR THE FOREGOING WARRANTIES, VIDEOLARM HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. VIDEOLARM HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-VIDEOLARM PRODUCTS OR NON-VIDEOLARM RECOMMENDED PRODUCTS PURCHASER CHOOSES TO CONNECT TO PRODUCT.

**LIMITATION OF LIABILITY**

THE LIABILITY OF VIDEOLARM, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL VIDEOLARM BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

# Electrical Specifications

**IRM360-IV**

Power 24VAC
Class 2 Only

English

Energía 24VAC.
Clase 2 solamente

Español

Puissance 24VAC.
Classe 2 seulement

Français

Energie 24VAC.
Kategorie 2 nur

Deutsch

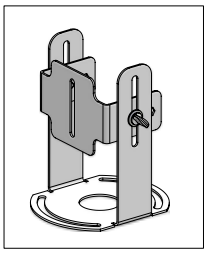
Poder 24VAC.
Classe 2 somente

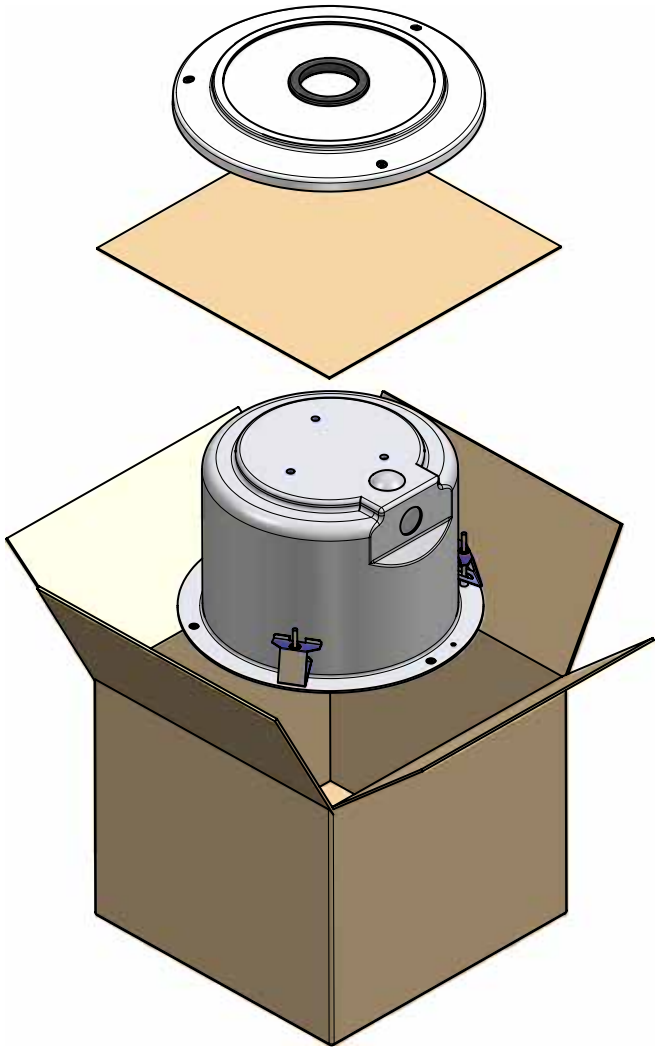
Portuguese

Potere 24VAC.
Codice categoria 2 soltanto

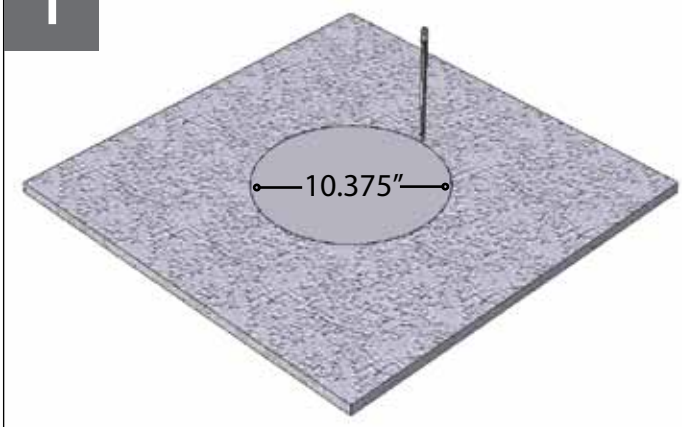
Italiano

# Contents of Box





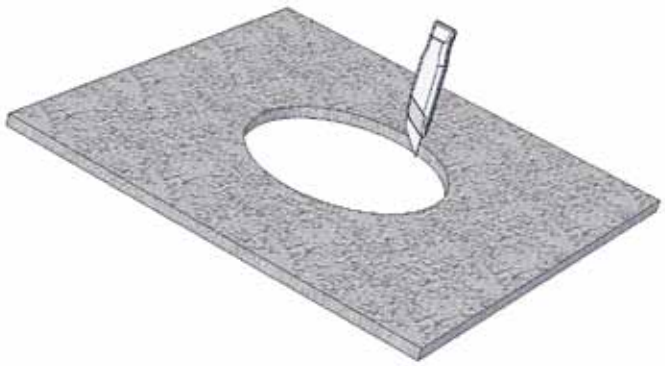
## 1




**Using the provided template, mark the ceiling tile for the cutout.**

- Con la plantilla proporcionada, cortar el azulejo del techo para el agujero.
- En utilisant le calibre fourni, marquez la tuile de plafond pour le coupe-circuit.
- Mit der zur Verfügung gestellten Schablone kennzeichnen Sie die Decke Fliese für den Ausschnitt.
- Usando o molde fornecido, marque a telha do teto para o entalhe.
- Usando la mascherina fornita, contrassegni le mattonelle del soffitto per il ritaglio.

## 2



**A box cutter or jigsaw can be used for cutting the circle.**

- Un cortador o un rompecabezas de la caja se puede utilizar para cortar el círculo.
- Un coupeur ou une scie sauteuse de boîte peut être utilisé pour couper le cercle.
- Ein Kastenscherblock oder -tischlerbandsäge können für den Schnitt des Kreises benutzt werden.
- Um cortador ou um jigsaw da caixa podem ser usados cortando o círculo.
- Una taglierina o un jigsaw della scatola può essere utilizzato per il taglio del cerchio.

## 3

**Place the housing in the tile and secure the outer tabs.**

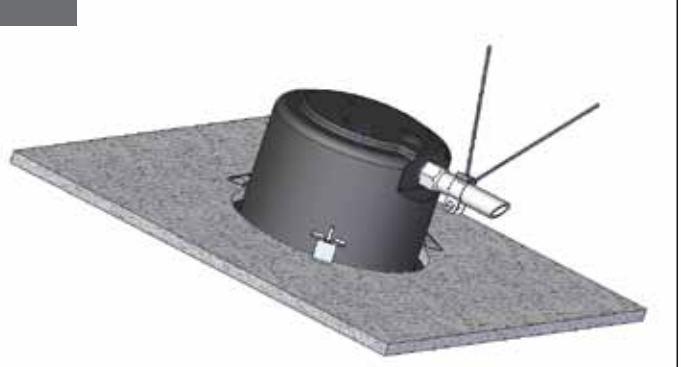
- Coloque la cubierta en el azulejo y asegure las lengüetas externas.
- Placez le logement dans la tuile et fixez les étiquettes externes.
- Legen Sie das Gehäuse in die Fliese und sichern Sie die äußeren Vorsprünge.
- Coloque a carcaça na telha e fixe as abas exteriores.
- Disponga l'alloggiamento nelle mattonelle ed assicuri le linguette esterne.

## 4

**Connect the flex conduit to the housing.**

- Conecte el conducto de la flexión con la cubierta.
- Reliez le conduit de câble au logement.
- Schließen Sie das Flexrohr an das Gehäuse an.
- Conecte a canalização do cabo flexível à carcaça.
- Colleghi il condotto della flessione all'alloggiamento.

## 5



### Add the safety wire to the flex conduit or continue to the next step.

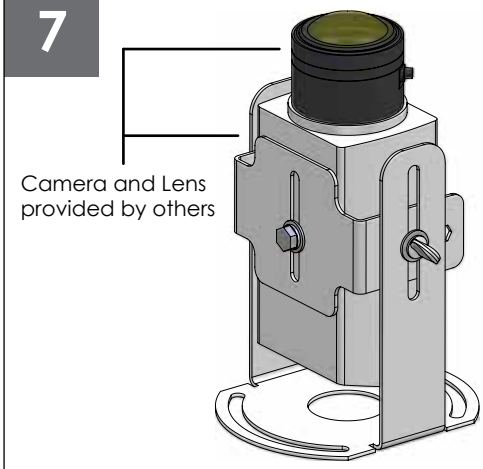
- Agregue el alambre de seguridad al conducto de la flexión o continúe al paso siguiente.
- Ajoutez le fil de sûreté au conduit de câble ou continuez à la prochaine étape.
- Fügen Sie die Sicherheit Leitung dem Flexrohr hinzu oder fahren Sie zum folgenden Schritt fort.
- Adicione o fio de segurança à canalização do cabo flexível ou continue à etapa seguinte.
- Aggiunga il legare di sicurezza al condotto della flessione o continui al punto seguente.

## 6

### The alternate location to attach the safety wire is on the housing secure tab.

- La localización alterna para unir el alambre de seguridad está en la lengüeta segura de la cubierta.
- L'endroit alternatif pour attacher le fil de sûreté est sur l'étiquette bloquée de logement.
- Die wechselnde Position, zum der Sicherheit Leitung anzubringen ist auf dem sicheren Vorsprung des Gehäuses.
- A posição alterna para unir o fio de segurança está na aba segura da carcaça.
- La posizione alternata per fissare il legare di sicurezza è sulla linguetta sicura dell'alloggiamento.

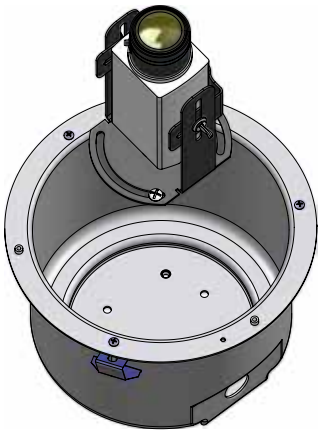
## 7




### Install the camera on the fixed bracket and complete all wiring applications.

- Instale la cámara fotográfica en el soporte fijo y termine todos los usos del cableado.
- Installez l'appareil-photo sur la parenthèse fixe et accomplissez toutes les applications de câblage.
- Bringen Sie die Kamera am örtlich festgelegten Haltewinkel an und führen Sie alle Verdrahtung Anwendungen durch.
- Instale a câmera no suporte fixo e termine todas as aplicações da fiação.
- Installi la macchina fotografica sulla staffa fissa e completi tutte le applicazioni dei collegamenti.

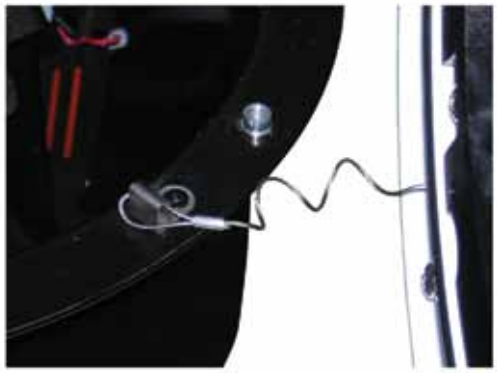
## 8



### Mount the bracket and camera with the ImmerVision Lens in the housing.

- Monte el soporte y la cámara con la lente de ImmerVision en la cubierta.
- Montez la parenthèse et l'appareil-photo avec l'objectif d'ImmerVision dans le logement.
- Bringen Sie den Haltewinkel und die Kamera mit dem ImmerVision Objektiv in das Gehäuse an.
- Monte o suporte e a câmera com a lente de ImmerVision na carcaça.
- Monti la staffa e la macchina fotografica con l'obiettivo di ImmerVision nell'alloggiamento.

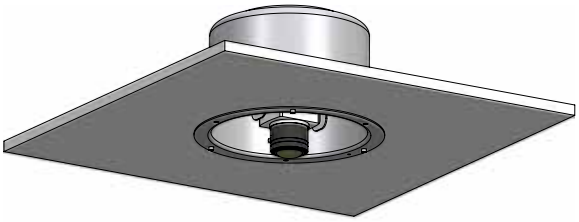
## 9



**Hook the lanyard from the dome to the housing as shown.**

- Enganche el acollador de la bóveda a la cubierta según lo demostrado.
- Accrochez la lanière du dôme au logement comme montré.
- Spannen Sie die Abzuglinie von der Haube zum Gehäuse an, wie gezeigt.
- Enganche o colhedor da abóbada à carcaça como mostrada.
- Agganci la cordicella dalla cupola all'alloggiamento come indicato.

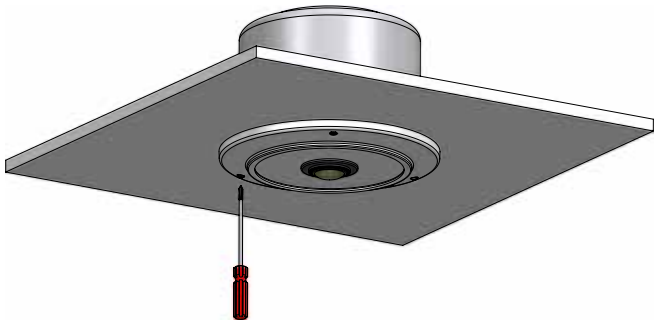
## 10



**Adjust the ImmerVision lens as per lens manufacturing instructions. Insure that all set screws on lens are flush.**

- Ajuste la lente de ImmerVision según instrucciones de la fabricación de la lente. Asegure que todos los tornillos de presión en la lente son rasantes.
- Ajustez l'objectif d'ImmerVision selon des instructions de fabrication d'objectif. Assurez-vous que toutes les vis de réglage sur l'objectif sont affleurantes.
- Justieren Sie das ImmerVision Objektiv wie pro Objektivherstellungsanweisungen. Versichern Sie, dass alle Klemmschrauben auf Objektiv eben sind.
- Ajuste a lente de ImmerVision como por instruções da fabricação da lente. Segure que todos os parafusos de fixação na lente são nivelados.
- Registri l'obiettivo di ImmerVision secondo le istruzioni di fabbricazione dell'obiettivo. Assicuri che tutte le viti di arresto sull'obiettivo siano a livello.

## 11

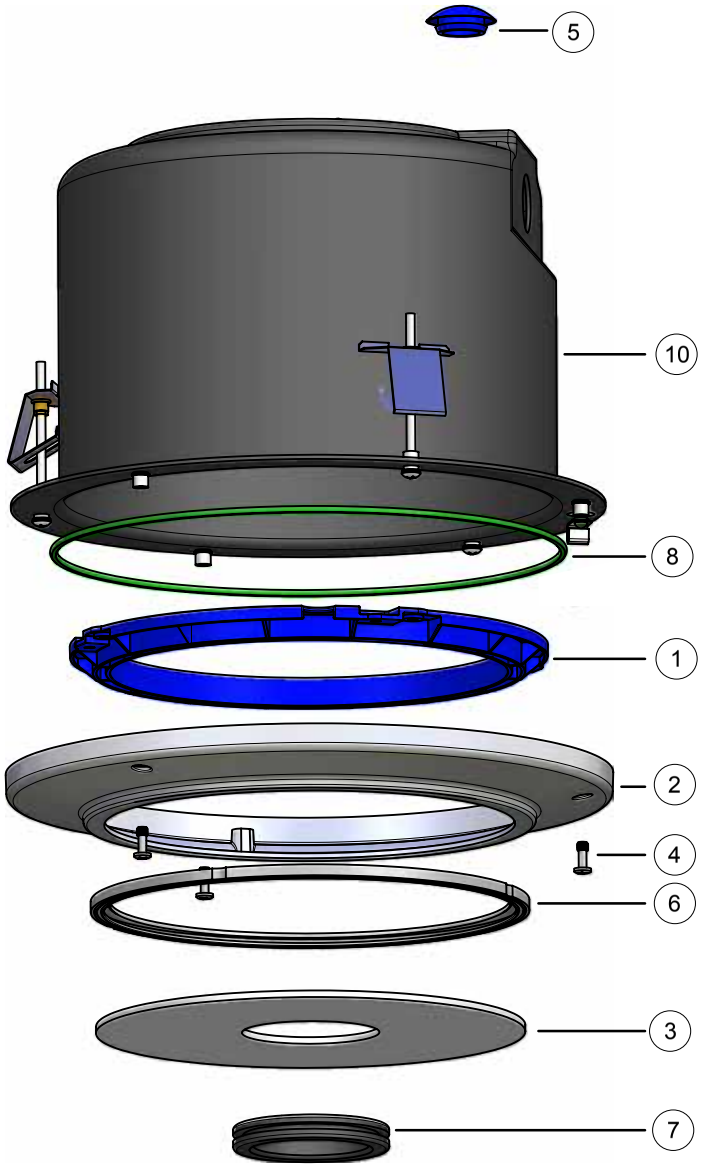


**Secure the flush plate with grommet in place (alternate security screws are provided).**

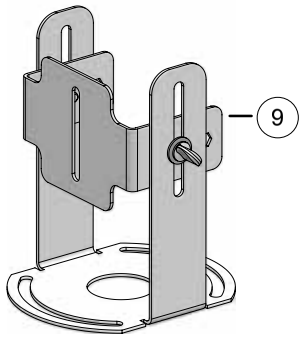
- Asegure la placa rasante con el ojal en el lugar (se proporcionan los tornillos alternos de la seguridad).
- Fixez le plat affleurant avec le canon isolant en place (des vis alternatives de sécurité sont fournies).
- Sichern Sie die ebene Platte mit Gummimuffe an der richtigen Stelle (wechselnde Sicherheitsschrauben werden zur Verfügung gestellt).
- Fixe a placa nivelada com ilhó no lugar (os parafusos alternos da segurança são fornecidos).
- Fissi il piatto a livello con il gommino di protezione sul posto (le viti alternate di sicurezza sono fornite).

# Replacement Parts List

**IRM306-IV**




| | DESCRIPTION | REPLACEMENT PARTS NUMBER |
|---|---|---|
| 1 | RP30VL2435 | 7” DOME CLAMPING RING |
| 2 | RP30VL2884 | RECESSED HOUSING TRIM RING |
| 3 | RP30VL3808 | LENS PLATE |
| 4 | RP90BT3007 | CAPTIVE SCREW |
| 5 | RP94FSVP17 | 7/8” HOLE PLUG |
| 6 | RP96GK2558 | DOME SEAL GASKET |
| 7 | RP96RSHG04 | LENS GROMMET, 2-1/8 IN ID |
| 8 | RP96RSORG11 | 9.25 ID .136” ID O-RING |
| 9 | RPRH713 | FIXED CAMERA BRACKET PACKET |
| 10 | RP45HRM71005 | UPPER HOUSING ASSEMBLY |



# Product Registration/Warranty

Thank you for choosing Videolarm. We value your patronage and are solely committed to providing you with only the highest quality products available with unmatched customer service levels that are second-to-none in the security industry.

Should a problem arise, rest assure that Videolarm stands behind its products by offering some of the most impressive warranty plans available: ***3 Years*** on all Housings, Poles, Power Supplies, and Accessories and ***5 Years*** on all camera systems (SView, QView, Warriors), and InfraRed Illuminators.

# Register Your Products

## *Option 1:* Online  *Option 2:* Mail-In

Take a few moments and validate your purchase with our **Online Product Registration Form** at ***www.videolarm.com/productregistration.jsp*** or complete and mail-in the bottom portion of this flyer.

Register your recent Videolarm purchases and benefit from the following:

- Simple and Trouble-Free RMA process
- Added into customer database to receive product updates / news
- Eliminate the need to archive original purchase documents: Receipts, Purchase Orders, etc…

**Cut at the dotted Line**

*Place in envelope, affix stamp and mail to:* ***Videolarm ATTN: Warranty***
***2525 Park Central Ave.***
***Decatur, GA 30035***

## Main Contact Info

First Name: _____ Last Name: _____

Professional Title: _____ Company: _____

Address 1: _____ Address 2: _____

City: _____ State / Province/Country: _____

Zip / Postal Code: _____ Phone Number: _____ E-mail Address: _____

## Product Information

*Please Circle One:* Business Personal

Name & Location of Company / Store where Purchased: _____
*(City, State, Country)*

Videolarm Product ID _____ Product Description _____

Serial # _____
*(Available only for Camera Systems, IR Illuminators, Wireless Devices)*

PO# _____